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Abstract

The invention relates to a device for determining a rotational speed about the vertical axis of a vehicle, comprising a rotational speed sensor which outputs a signal which is dependent on the rotational speed about the vertical axis, and a signal evaluation means which determines the rotational speed from the signal supplied by the rotational speed sensor.

According to the invention, a radiation sensor is provided for sensing an angle of a preceding vehicle located in the region ahead of the vehicle relative to the vehicle, the data from the radiation sensor being supplied to the signal evaluation means in order to sense the angle and being taken into account in the compensation of the offset error of the rotational speed sensor.